Substitute for Form 1449A/PTO

STATEMENT BY APPLICANT

INFORMATION DISCLOSURE

1

Cite

No

Sheet

Rxam.

Inits*

of

Document Number

4,295,882

4,842,642

PTO/SB/08A (08-00) U.S. DEPARTMENT OF COMMERCE (Div. of S.N. 09/598,605) Application Number Concomitantly Herewith Filing Date Masahiro KAWAKAMI First Named Inventor Group Art Unit Examiner Name PADEMARK Attorney Docket Number 00447CD/HG U.S. PATENT DOCUMENTS Kind Name of Patentee or Publication Relevant Code² Applicant Date HM-DD-YTYY Portion Arima et al. 10-20-1981 06-27-1989 Bowman RECEIVED
RECEIVED
DEC 21, 7013
TC 1700 MAIL ROOM

FOREIGN PATENT DOCUMENTS

					,			
Exem Inits	Cite No ¹	Offe'	Document Number4	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁴
·ma		JP	2-73911		Nippon Steel Corp.	03-13-1990	,	*
ma		ДĐ	4-83815		Nippon Steel Corp.	03-17-1992		*
ma		Ί₽	49-93209.		K.K. Juuzen Shoukai	09-05-1974		
ma		115	9-217105		Sumitomo Metal Ind.	08-19-1997		*
ma		WIPO	96/08328		Aikoh Co., Ltd.	03-21-1996		*
ma		JР	9-143525		Kawasaki Steel Corp.	06-03-1997		*
ng	,	15	56-115670		Hitachi, Ltd.	09-10-1981		
ma	1	JP	1-152211		Kawasaki Heavy Ind.	06-14-1989		*
Exami Signa		m	relogn Andter	Ŋ	. Date Considered	3-4-0	3	

* EXAMINER: Initial if reference densidered, whether or not ditation is in conformance with MPEP 609. Draw line through ditation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE MAILED: OCTOBER 10.2001



¹ Unique citation designation number. 1 See kinds of U.S. Patent Documents. 2 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ' For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Place a check here if English translation is attached.

^{*}ENGLISH LANGUAGE ABSTRACT OF RECORD

Bram Inits	Cice No ^t	Offc ¹	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-TYYY	Relevant Portion	T ⁴
mil	1	JP	9-256009		Kawasaki Steel Corp.	09-30-1997	-	*
Ma		115	7-316618		NKK CORP.	12-05-1995		*
		JP	2-232312		Kawasaki Steel Corp.	09-14-1990		*
ma		ДÞ	1-147012		Sumitomo Metal Ind.	06-08-1989		*
	•	JP	6-271919		Nippon Steel Corp.	09-27-1994		*
ma		JP	9-227919		Kawasaki Steel Corp.	09-02-1997		*

Examiner
Signature

Muyu and Considered

Considered

3-4-03

• EXAMINER: Initial if reference confidered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

DATE MAILED: OCTOBER 10, 2001

conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ¹ See kinds of U.S. Patent Documents. ¹ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the Berial number of the patent document. ¹ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ¹ Place a check here if English translation is attached.

^{*}ENGLISH LANGUAGE ABSTRACT OF RECORD

U.S. Patent and Trademar. ce: U.S. DEPARTMENT OF COMMERCE

Orah - min	L. E-	- I - 1 4 4 0 \$ / DTO	Application Number (Div. of S.N. 79/598,609		74					
Substitu 	ce io	r Form 1449A/PTO	Filing Date Concomitantly Herewith							
INFORMA	TION	DISCLOSEREPE	First Named Inventor Masahiro KAWAKAMI							
		Y APPLICANT	Group Art Unit							
		DEC 1 8 2002	Examiner Name							
Sheet	3	3 1840	Attorney Docket Number	00447CD/HG						
	OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS									
Examiner Initials ¹	Cite No.1		(in CAPITAL LETTERS), title of e number(s), publisher, city and		T²					
ma		Report of National Research Institute of Metals, Science and Technology Agency, Vol. 8, pp. 83-99 (1987).								
ma		Amit Ganguly and Ken J. Reid, "Carbon Utilization in Direct Smelting Systems", <u>Steel</u> <u>Research</u> , <u>63</u> , 281-290 (1992).								
ma		"Recent tendencies of new iron sources", ("Recent Trends of New Iron Production Process") by Iron Making Process Forum of the Iron and Steel Institute of Japan, pages 42 to 51 (September 1996).								
ma			technique of directly using coal							
ma		"The 165th and 166th Nishiyama Commemoraive lecture", pages 149 to 175 (September and October 1997).								
ma		"The 165th and 166th Nishiyama Commemorative Lecture", pages 117 to 147 (September and October 1997).								
ma		Rene Munnix, Jean Borlee, Didier Steyls and Mario Economopoulos, "Comet - A New Coal Based Process for the Production of DRI", MPT International, pages 50 to 61, February 1997.								
ma		"Current Advances in Material and Processes", Report of the ISIJ Meeting, The Iron and Steel Institute of Japan, CAMP - ISIJ Vol. 10, (September 1997), pages 723 to 726.								
			·							
				RECEIVED DEC 24 200 C 1700 MAIL F						
		•		MAIL ROOM						
Examiner Signature		Melvyn andre	Date Considered	3-4-03	1					

DATE MAILED: OCTOBER 10,

ť

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[:] Unique citation designation number. : Place a check here if English translation is attached.